

39' 27' 30"

Latitude

+ 0.64  
0.72

00,00.18

4-9-02  
According to Dis.  
our first we never  
got a plat on this.  
I entered it as  
completed (P)

Longitude

**Topo Location**

7.5' Loc. \_\_\_\_\_ 15' Loc. \_\_\_\_\_  
\_\_\_\_\_ (calc.) \_\_\_\_\_

Company Sancho O&G

Farm Richard Heath #3

15' Quad \_\_\_\_\_  
(sec.)

7.5' Quad Bens Run

District Union

**WELL LOCATION PLAT**

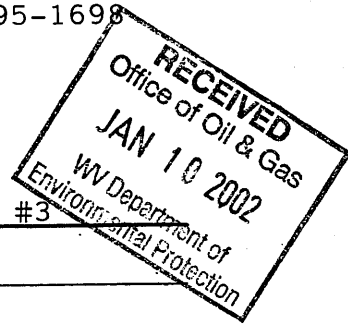
County 095 Permit 1698

WR-35

DATE: 11/12/01  
API #: 47-095-1698

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work



Farm name: Richard Heath Operator Well No.: Heath #3

LOCATION: Elevation: 655 Quadrangle: Bens Run

District: Union County: Tyler  
Latitude: 3,490 Feet South of 39 Deg. 27 Min. 30 Sec.  
Longitude 3,820 Feet West of 81 Deg. 00 Min. 00 Sec.

Company: Sancho Oil & Gas

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>210 - 2nd Street</u> <u>St. Marys, WV 26170</u>				
Agent: <u>Loren E. Bagley</u>				
Inspector: <u>Mike Underwood</u>				
Date Permit Issued: <u>10/26/00</u>				
Date Well Work Commenced: <u>10/21/00</u>				
Date Well Work Completed: <u>10/31/00</u>				
Verbal Plugging: <u>----</u>				
Date Permission granted on: <u>----</u>				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Depth (feet): <u>1,638</u>				
Fresh Water Depth (ft.):	<u>11-3/4</u>		<u>131'</u>	<u>See Backside</u>
	<u>8-5/8</u>		<u>685'</u>	<u>See Backside</u>
Salt Water Depth (ft.):	<u>5-1/2</u>		<u>1490.5</u>	<u>See Backside</u>
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>N/A</u>				

OPEN FLOW DATA

Producing formation Keener Pay zone depth (ft) 1538' - 1550'  
Gas: Initial open flow 45 MCF/d Oil: Initial open flow trace Bbl/d  
Final open flow 15 MCF/d Final open flow 3 Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 150 psig (surface pressure) after 24 Hours

Second producing formation N/A Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: [Signature]  
By: \_\_\_\_\_  
Date: 11-12-01

Mike Underwood 11/30/01

NOV 13 2002

TYLER 1698

Logger's T.D. 1621'

Driller's T.D. 1638'

Formation Depths

1st Salt Sand	885'	-	936'	No Shows
2nd Salt Sand	1063'	-	1157'	" "
3rd Salt Sand	1172'	-	1220'	" "
Maxton Sandstone	1400'	-	1459'	Slight show gas
Greenbrier Limestone	1462'	-	1533'	No shows
Keener Sandstone	1538'	-	1550'	Good show gas
Big Injun Sandstone	1574'	-	T.D.	Show H <sub>2</sub> O

Casing/Cement Summary

1. Conductor Csg.	11-3/4"	131'	50 sacks Class A, 2% gell, 1/4 lb. Flo-seal/sk
2. Surface Csg.	8-5/8"	685'	170 sacks Class A, 2% gell, 1/4 lb. Flo-seal/sk, 3% CACL
3. Production Csg.	5-1/2"	1490.5'	Set in Big Lime on a Parmaco Tension Packer

Completion Method

(Date Shot: 12/02/00)

Keener Sandstone (1538' - 1550') Shot with one 4" x 12' Slurran 430 Explosive Gun  
Completion performed by Torpedo Services, Inc.